

Propan-2-ol 80%, Pharma.

(CH ₃) ₂ CHOH	FW. 60.10	Density 1 L = 0.848 Kg.
CAS-No.	67-63-0	Melting Point - 89.5 °C
Code	BP1157	Boiling Point 82.4 °C

Specifications

(Conforms to Ph.Eur, BP, USP/NF,JP, ACS)

Assay (by GC.)	80%	min.
Appearance	Clear and colorless liquid	
Identity	Passes test	
Color (APHA)	10	max.
Water (by Coulometry)	20%	max.
Acidity (mEq./g)	0.0001	max.
Alkalinity (mEq./g)	0.0001	max.
Acidity or Alkalinity	Passes test	
Residue on Evaporation	0.002%	max.
Benzene and related substances	Passes test	
Acetone (GC.)	0.002%	max.
Propionaldehyde (GC.)	0.002%	max.
Diethyl Ether (GC.)	0.1%	max.
Isopropyl Alcohol (GC.)	0.1%	max.
Diisopropyl Ether (GC.)	0.1%	max.
1-Propanol (GC.)	0.1%	max.
2-Butanol (GC.)	0.1%	max.
Total Volatile Impurity (GC.)	1.0%	max.
Solubility in water	Passes test	
Peroxide	Passes test	
UV Absorbance		
310 nm	0.01	AU max.
290 nm	0.02	AU max.
270 nm	0.03	AU max.
250 nm	0.10	AU max.
230 nm	0.30	AU max.
Relative density @ 20 °C	0.847 - 0.849	
Refractive Index @ 20 °C	1.376 - 1.378	

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